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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	
First Inventor	Frederick P. Boyle
Title	Composite-Structure Core
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit as original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 29]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. ☒ Oath or Declaration [Total Pages]
- a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- b. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Attorney (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: **Form PTO/SB/08A**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____

Prior application information:

Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

☒ Correspondence address below

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Zip Code 44094-9376

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Telephone 440 347 6421

Fax

Name (Print/Type) Frederick P. Boyle

Registration No. (Attorney/Agent)

Signature

Date

Feb. 22, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/ISB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL**for FY 2002**

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **\$370****Complete If Known**

Application Number	
Filing Date	
First Named Inventor	Frederick P. Boyle
Examiner Name	
Group Art Unit	
Attorney Docket No.	

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity / Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
	101 740	201 370	Utility filing fee	\$370
	106 330	206 165	Design filing fee	
	107 510	207 255	Plant filing fee	
	108 740	208 370	Reissue filing fee	
	114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) **\$370****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	20 - 20** = 0	X	
Multiple Dependent Claims	3 - 3** = 0	X	

Large Entity / Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
	103 18	203 9	Claims in excess of 20	
	102 84	202 42	Independent claims in excess of 3	
	104 280	204 140	Multiple dependent claim, if not paid	
	109 84	209 42	** Reissue independent claims over original patent	
	110 18	210 9	** Reissue claims in excess of 20 end over original patent	

SUBTOTAL (2) (\$) **- 0 -**

*for number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity / Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
	105 130	205 65	Surcharge - late filing fee or oath	
	127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
	139 130	139 130	Non-English specification	
	147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
	112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
	113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
	115 110	215 55	Extension for reply within first month	
	116 400	216 200	Extension for reply within second month	
	117 920	217 460	Extension for reply within third month	
	118 1,440	218 720	Extension for reply within fourth month	
	128 1,960	228 980	Extension for reply within fifth month	
	110 320	210 160	Notice of Appeal	
	120 320	220 160	Filing a brief in support of an appeal	
	121 280	221 140	Request for oral hearing	
	138 1,510	138 1,510	Petition to institute a public use proceeding	
	140 110	240 55	Petition to revive - unevitable	
	141 1,280	241 640	Petition to revive - unintentional	
	142 1,280	242 640	Utility issue fee (or reissue)	
	143 460	243 230	Design issue fee	
	144 620	244 310	Plant issue fee	
	122 130	122 130	Petitions to the Commissioner	
	123 50	123 50	Processing fee under 37 CFR 1.17(a)	
	126 180	126 180	Submission of Information Disclosure Sheet	
	501 40	501 40	Recording each patent assignment per property (times number of properties)	
	146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(e))	
	149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
	179 740	279 370	Request for Continued Examination (RCE)	
	169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **- 0 -****SUBMITTED BY**

Name (Print Type)

Frederick P. Boyle

Registration No. (Attorney/Agent)

Complete (if applicable)

Telephone

440 347 6421

Signature

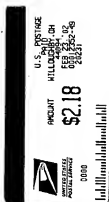
Frederick P. Boyle

Date

Feb. 22, 2002**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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